

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	0	"10574032"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/09 14:10
S2	1	"6645675".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/09 14:11
S3	1	"5599355".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/09 14:12
S4	4	"1032059"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/09 14:12
S5	3	"03065481"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/09 14:14
S6	4	"9919900"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/09 14:16
S7	30	((OSAMU) near2 (SHIMAMURA)).INV.	US-PGPUB; USPAT	OR	OFF	2008/04/09 14:47
S8	3	((TAKETO) near2 (KANEKO)).INV.	US-PGPUB; USPAT	OR	OFF	2008/04/09 14:47
S9	21	((TAKAMITSU) near2 (SAITO)).INV.	US-PGPUB; USPAT	OR	OFF	2008/04/09 14:48
S10	11	((KENJI) near2 (HOSAKA)).INV.	US-PGPUB; USPAT	OR	OFF	2008/04/09 14:48
S11	64	((HI DEAKI) near2 (HORI E)).INV.	US-PGPUB; USPAT	OR	OFF	2008/04/09 14:48
S12	2241	((vehicle car automobile) with (battery near2 (pack or assembly)))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 11:15
S13	928	429/232.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 13:24
S14	434	S13 and ((Li or lithium) near2 ion)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 13:25
S15	1	S14 and (((ink adj jet) or inkjet) with coat\$4)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 13:25
S16	1	S14 and ((ink adj jet) or inkjet)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 13:26

## EAST Search History

S17	3	S14 and ((membrane with (PE PP polypropylene polyethylene)) with electrolyte\$1)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 13:27
S18	8551	(solid near2 polymer near2 electrolyte)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 14:08
S19	2571	S18 and (method with electrolyte)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 14:08
S20	59	S19 and (ink adj jet or inkjet)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 14:09
S21	59	S19 and ((ink adj jet) or inkjet)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 14:09
S22	20	S21 and ((second or another) near2 coat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 14:09
S23	1	"5463178".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 14:18
S24	295	S19 and ((insulating near2 particle) or filler)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/04/11 14:58
S25	24	S24 and ((second or another) near2 coat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/11 14:59
S26	1	"5204196".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/15 08:32
S27	1	"5360686".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/15 08:32
S28	1	"5154991".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/15 08:34
S29	1	"5057360".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/15 08:34
S30	1	"5112512".pn.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/15 08:34
S31	2049	((lithium near2 ion) near2 battery) and ((separator or membrane) with (olefin or pp or pe or polypropylene of polyethylene))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/15 08:56

## EAST Search History

S32	179	S31 and (particles with (PP or PE or olefin or resin or polypropylene or polyethylene))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/15 08:57
S33	155	S31 and ((inorganic or filler or insulat\$4) with (silica or alumina))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/15 09:03
S34	930	429/232.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/15 09:10
S35	204	((lithium near2 ion) near2 battery) and S34	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/15 09:10
S36	398	429/234.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/04/15 09:15
S37	22	S36 and ((PEO or (polyethylene adj oxide)) and (alumina or silica or PP or PE or polyethylene! or polypropylene! or insulat\$4 or filler))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2008/04/15 09:16
S38	1	"20040197638"	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/15 10:07
S39	8555	(solid near2 polymer near2 electrolyte)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/15 13:49
S40	2572	S39 and (method with electrolyte)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/15 13:49
S41	91	S40 and ((second or another) near2 coat\$3)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/15 13:49
S42	4853	"429"/\$.ccls. and (electrolyte with (alumina or silica or filler or insulat\$4))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/16 07:54
S43	937	S42 and ((lithium near2 ion) with battery)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/16 07:55
S44	234	S43 and (coat\$3 with (filler or insulat\$4 or particles))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/04/16 07:56
S45	1	"10574032".rlan. or ("10".src. and "574032".ap.)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/10/02 09:23

## EAST Search History

S46	5053	"429"/\$.ccls. and (electrolyte with (alumina or silica or filler or insulat\$4))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/02 10:31
S47	491	S46 and (electrolyte same (pattern lattice rows columns zigzag zig-zag zig\$1zag))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/10/02 10:31
S48	130	S47 and (lithium with ion with battery)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/10/02 10:33
S49	1049	S46 and (solid with polymer with electrolyte)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/10/02 10:40
S50	11	S49 and (particles with (pattern lattice rows columns zigzag zig\$1zag))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2008/10/02 10:41
S51	1001	S46 and ((lithium near2 ion) with battery)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/02 10:48
S52	257	S51 and (coat\$3 with (filler or insulat\$4 or particles))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/02 10:48
S53	45	S52 and ((pattern\$2 lattice) with (filler or insulat\$4 or particles))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/02 10:48
S54	5053	"429"/\$.ccls. and (electrolyte with (alumina or silica or filler or insulat\$4))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/03 09:27
S55	1001	S54 and ((lithium near2 ion) with battery)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/03 09:27
S56	122	S55 and (coat\$3 with (filler or particles))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/03 09:27
S57	257	S55 and (coat\$3 with (filler or insulat\$4 or particles))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/03 09:27
S58	11	S57 and ((pattern\$2 lattice) with (filler or particles))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/03 09:27
S59	122	S55 and (coat\$3 with (filler or particles))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/03 09:28
S60	9	S59 and ((pattern\$2 lattice) with (filler or particles))	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/03 09:29

## EAST Search History

S61	250	429/252.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/03 09:31
S62	25	S61 and (pattern patterned lattice)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2008/10/03 09:32
S63	0	((lithium with ion with battery) and (electrolyte with insulating with particles))	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/10/03 09:47
S64	0	((lithium with ion with battery) and (separator with insulating with particles))	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/10/03 09:47
S65	930	((lithium with ion with battery) and (separator electrolyte) with particles))	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/10/03 09:48
S66	142	S65 and (((filler insulator insulating) with particles))	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/10/03 09:53
S67	7	S65 and (((filler insulator insulating) with particles) same (pattern lattice rows))	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2008/10/03 09:54
S68	13	("4327163"   "4925751"   "5011501"   "5360684"   "5547780"   "5631102"   "5925482"   "6013113").PN. OR ("6387564").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/03 10:02
S69	3	S68 and (pattern lattice rows zigzag zig-zag)	US-PGPUB; USPAT; USOCR	OR	OFF	2008/10/03 10:07
S70	9053	(solid near2 polymer near2 electrolyte)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/03 10:14
S71	2704	S70 and (method with electrolyte)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/03 10:14
S72	65	S71 and ((ink adj jet) or inkjet)	US-PGPUB; USPAT; EPO; JPO	OR	OFF	2008/10/03 10:14
S73	392	((lithium with ion with battery) and (electrolyte with separator with pores))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/10/03 10:18

## EAST Search History

S74	398	((lithium with ion with battery) and (electrolyte with separator with pores))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/03 10:18
S75	24	S74 and (separator with (pattern lattice))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2008/10/03 10:19
S76	2086	((lithium with ion with battery) and (electrolyte near3 layer))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/10/06 13:01
S77	456	S76 and (electrolyte with (pattern lattice rows shape))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/10/06 13:01
S78	150	S76 and (electrolyte with (pattern lattice))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/10/06 13:01
S79	4823	((lithium with ion with battery) and (electrolyte with polymer))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/10/06 13:05
S80	105	S79 and (electrolyte with pattern)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/10/06 13:05
S81	75	S79 and (separator with (arrangement patter))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/10/06 13:23
S82	4823	((lithium with ion with battery) and (electrolyte with polymer))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/10/06 14:30
S83	124	S82 and (separator with (arrangement pattern))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/10/06 14:30
S84	170	((lithium with ion with battery) and (electrolyte with pattern))	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/10/07 08:56
S85	159	((lithium with ion with battery) and (electrolyte with pattern))	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/07 08:56